

Patent claims

1. A device for dispensing adhesive, with at least one adhesive container with an application arrangement
5 arranged at the container outlet, characterized in that the application arrangement comprises an adhesive strip (4; 36) which has a number of dispensing openings (14a - 14g; 38a - 38d).
- 10 2. The device as claimed in claim 1, characterized in that a nozzle (10) is arranged between each adhesive container outlet (12) and the adhesive strip, which nozzle ends in the adhesive strip in a cavity (16), from where ducts (11a - 11g; 37a - 37d) lead to the
15 dispensing openings (14a - 14g; 38a - 38d).
3. The device as claimed in claim 2, characterized in that the adhesive strip (4; 36) has rollers (15) arranged on both sides.
- 20 4. The device as claimed in one of claims 1 to 3, characterized in that the adhesive strip consists of two parts (4A, 4B; 36A, 36B) and is provided with a coating which repels adhesive.
- 25 5. The device as claimed in claim 4, characterized in that the coating consists of Teflon®.
6. The device as claimed in one of claims 1 to 5,
30 characterized in that each adhesive container has a piston (6; 52), the front part (8; 53) of which is adapted to the inlet (9) of the nozzle (10).
7. The device as claimed in one of claims 1 to 6,
35 characterized in that it has two (2, 3) or three adhesive containers (2, 3, 35), which are interconnected via spectacle-type supports (17, 18; 40, 41).

8. The device as claimed in one of claims 1 to 7, characterized in that the pistons (6) can be acted on with compressed air.

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9. The device as claimed in claim 8, characterized in that the compressed air arrives at the piston via a push-button valve (23), a distributor (25; 39) and a quick-action ventilating valve (27).

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10. The device as claimed in one of claims 1 to 7, characterized in that the pistons (52) can be operated mechanically.

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11. The device as claimed in claim 10, characterized in that the pistons can be operated by a driven threaded rod (45) arranged between the adhesive cylinders (43, 44), the threaded rod being connected to the pistons (52) via a nut piece (49) and piston connection (50).

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12. The device as claimed in claim 10 or 11, characterized in that the adhesive cylinder tubes (56) have a slot.

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13. The device as claimed in one of claims 1 - 3, 6 - 12, characterized in that the adhesive strip (57) is made in one piece from adhesive-repellent plastic and has a continuous longitudinal duct (62), in which the outlets (63 - 65) of the adhesive cylinders (59 - 61) end and from which the outlet ducts (67) to the dispensing openings (68) of the adhesive strip extend.

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14. The device as claimed in claim 13, characterized in that a rectangular tube (70) is mounted on the housing of the adhesive strip (57), to which tube a transition piece (66) is attached for each adhesive cylinder.

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15. The device as claimed in claim 14, characterized
in that the transition piece has a funnel-shaped nozzle
(9), the outlet (63 - 65) and a nut (12M) for attaching
5 the adhesive cylinder.

16. The device as claimed in one of claims 1 to 15,
characterized in that the dispensing openings (14a -
14g; 38a - 38d, 68) are arranged asymmetrically in such
10 a way in relation to the tapering end of the adhesive
strip housing which faces the floor during use that
they are located above the center.